

CURRICULUM VITAE

Tiffany L. Smith
DNA Casework Unit
Federal Bureau of Investigation Laboratory
2501 Investigation Parkway
Quantico, VA 22135
(703) 632-7789

EDUCATION

2010 Master of Science in Biology
 West Virginia University
 Morgantown, WV

2007 Bachelor of Science in Forensic and Investigative Sciences
 West Virginia University
 Morgantown, WV

PROFESSIONAL EXPERIENCE

Aug 2010 – Present Forensic Examiner
 Federal Bureau of Investigation Laboratory
 Nuclear DNA/DNA Casework Unit
 Quantico, VA

Aug 2007 – May 2010 Teaching Assistant
 West Virginia University
 Department of Biology
 Morgantown, WV

May 2006 – Aug 2006 Intern
 Connecticut State Forensic Laboratory
 Meriden, CT

MEETINGS ATTENDED

2013 American Academy of Forensic Sciences 65th Annual Scientific Meeting
 Washington, DC

2012 Scientific Working Group on DNA Analysis Methods Meeting
 Fredericksburg, VA

2011 Mid-Atlantic Association of Forensic Scientists Fall Workshop – Expert
 Witness Testimony
 Washington, DC

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| 2011 | Scientific Working Group on DNA Analysis Methods Meeting Fredericksburg, VA |
| 2011 | National Institute of Justice Annual Conference Arlington, VA |
| 2009 | Mid-Atlantic Association of Forensic Scientists Baltimore, MD |
| 2006 | Chesapeake Bay Division – International Association for Identification Hampton, VA |
| 2005 | Chesapeake Bay Division – International Association for Identification Morgantown, WV |

PROFESSIONAL TRAINING

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| 2016 | Human Identification for Forensic Examiners Quantico, VA |
| 2016 | 3500 Genetic Analyzer and Globalfiler Amplification Kit Training Quantico, VA |
| 2015 | Short Tandem Repeat Mixture (STRMix) Software Training Quantico, VA |
| 2015 | Improved Forensic Y-chromosome Analysis Quantico, VA |
| 2014 | National Institute of Standards and Technology DNA Mixture Webinar Quantico, VA |
| 2014 | SWGDAM Interpretation Guidelines for Y-Chromosome STR Typing by Forensic DNA Laboratories Quantico, VA |
| 2013 | National Institute of Standards and Technology DNA Mixture Interpretation Workshop & Webcast Quantico, VA |
| 2013 | Forensic DNA Statistics Quantico, VA |
| 2012 | GeneMapper ID-X Training Quantico, VA |

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| 2011 | Y-Filer Training Quantico, VA |
| 2011 | KInCALc 4.0 Training Quantico, VA |
| 2011 | Evaluation of Genetic Kinship in Forensic Analysis Quantico, VA |
| 2011 | Comprehensive Sperm Hy-liter Training Quantico, VA |
| 2011 | Qiagen EZ1 Extraction Training Quantico, VA |
| 2011 | Sperm Hy-Liter Training Quantico, VA |
| 2010-2012 | Nuclear DNA Unit Forensic Examiner Training Program, FBI Laboratory Quantico, VA |
| 2010 | Applied Biosystems Automate Training Quantico, VA |
| 2009 | Interpreting DNA Evidence; 14 th Annual Summer Institute in Statistical Genetics Seattle, WA |
| 2006 | Population Genetics and Forensic DNA Analysis Training Meriden, CT |

PRESENTATIONS

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| 2015 | Evidence Response Team Senior Team Leader and Supervisory Special Agent Conference San Francisco, CA |
| 2013 | Spring 2013 Essentials of Forensic Science for Legal Professionals Program Tulsa, OK |
| 2012 | Sexual Assault Examiner (SAE) Training, Indian Health Services Nashville, TN |
| 2012 | New Employee Training on Nuclear DNA Analysis Quantico, VA |

- 2012 Basic Serology, DNA, and Evidence Collection Training to FBI ERT
Fredericksburg, VA
- 2011 Forensic DNA Testing and Laboratory Techniques
Northern Virginia Community College
Manassas, VA
- 2011 Basic Serology, DNA, and Evidence Collection Training to FBI ERT
Fredericksburg, VA
- 2011 New Employee Training on Nuclear DNA Analysis
Quantico, VA

LECTURES AND INSTRUCTION

Forensic Biology Laboratory, West Virginia University, Morgantown, WV

General Biology I, West Virginia University, Morgantown, WV

General Biology II, West Virginia University, Morgantown, WV

Introductory Physiology Laboratory, West Virginia University, Morgantown, WV

Principles of Biology Laboratory, West Virginia University, Morgantown, WV

The Living Cell Laboratory, West Virginia University, Morgantown, WV

RESEARCH PROJECTS

- 2009-2010 The Eradication of DNA Contamination from RNA Isolates
- 2007-2010 Investigating the Potential of RNA to be used in Forensic Casework
Analysis
- 2007-2010 Nucleic Acid Degradation as a Mechanism for Estimating the Age of
Semen Stains in Forensic Casework
- 2007 The Effect of UV Light on RNA and DNA Amplification